

Datasheet for ABIN7560918  
**ANKRD5 Protein (AA 1-775) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ANKRD5
Protein Characteristics:	AA 1-775
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ankef1 Protein expressed in mammalian cells.
Sequence:	<p>MALADKRLN LQIYRVLQCV RNKDKKQIEK LTRLGYPELI NFTEPIDGLS ALHLASISND TDMVSFLLKL GAHPDVQDHM GCTPTMRAAE LGHELMEIL AKAKADMTIV DNEGKGVLFY CILPTKRHYR CSLIALEHGA DVNNITYEGK PVFLRACEEA HDVKDMCLTF LEKGANPNAI NTSTGRTALM ESSREGVLEI VRGILERGGE VNAYDNRHH AAHFAAKGGF FDILKLLFAY NGDMGLIGMD GNTPLHFAAM GGFADCKYI AQRGCDLKWK NLEHKTDRVV AKDGGFKAAS KEIRRAERTA AKLAKTGAKN PNPLWALRLH DWSIEHETSL RNAFKFVDRG DGVVSKDDFV VALEERQEYA TSEQLLSVAQ MHEKSRGGGV NINEFFKGTK YLSKSYVLGS FGPKKKKRGL GKKPRKGFV LPLICTIPE NAFPRRPDGG PPYYMIETYQ NVSDSHRFNR DHPPEHPIQD DSEWYIDDPS RVFANISFIT KAGDLASLKK AIETGIPVDM KDNTYKTPLM IACASGNIDV VKFLIEKGAN VNATDNFLWT PLHFACHAGQ QDIVELLVKA GASIDATSIN NSTPLSRAIE SCRLDVKYL LDMGAKFQIE NRKGHAAMDI AKAYADYRII DMIKEKLDNL PKQADNQMKM GKLPKLTKEG TDVKKEEETL SSIYVPAIT EEKVVHRDSV VYLNSLITSG FTKKVDITFI</p>

## Product Details

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PKRIWSPEAT TAEIIRKREL RRERFTYEVD FEDFMMPFQK NITEKAQALE ATLKN **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** ANKRD5

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**Alternative Name:** Ankef1 ([ANKRD5 Products](#))

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**Background:** Ankyrin repeat and EF-hand domain-containing protein 1 (Ankyrin repeat domain-containing protein 5)

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**Molecular Weight:** 86.9 kDa

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**UniProt:** [Q9D2J7](#)

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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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